We Claim:

1.   A method for controlling a gamut mapping algorithm parameter, the method comprising steps of:

receiving a request to add and/or delete a gamut mapping algorithm parameter element; and

defining a modified gamut mapping algorithm parameter element responsive to said request.

2.   The method of claim 1, wherein the request to add and/or delete is a request to replace a pre-existing gamut mapping algorithm parameter element with the modified gamut mapping algorithm parameter element.

3.   The method of claim 1, wherein the modified gamut mapping algorithm parameter element is at least one of: lightness, chroma, and hue.

4.   The method of claim 1, wherein the gamut mapping algorithm parameter element is a format of a corresponding gamut mapping algorithm parameter.

5.   The method of claim 4, wherein the format is a non-linear based format.

6.   The method of claim 1, further comprising steps of:

receiving a request to adjust the gamut mapping algorithm parameter element;

adjusting a color management operation for processing an input image in response to said request to adjust.

7.   The method of claim 6, wherein the request to adjust is a request to adjust a format of the at least one gamut mapping algorithm parameter between a user defined minimum value and a user defined maximum value.

8.   The method of claim 7, wherein the format is a non-linear based format.

9.   The method of claim 6, wherein the step of adjusting a color management operation is based upon the request to adjust the gamut mapping algorithm parameter element and at least one of: a source device color gamut and a destination device color gamut.

10.   The method of claim 6, further comprising a step of displaying the input image, wherein the input image is configured to be dynamically adjusted responsive to the request to adjust the gamut mapping algorithm parameter element.

11.   The method of claim 1, further comprising a step of displaying at least one multi-dimensional color gamut representation of at least one of: a source device and a destination device.

12.   The method of claim 11, wherein the at least one multi-dimensional color gamut representation is configured to be modified by the request to add and/or delete.

13.   The method of claim 1, further comprising a step of displaying an input image, wherein the input image is configured to be dynamically modified by the modified gamut mapping algorithm parameter element.

14.   A method for processing an input image via a gamut mapping algorithm parameter, the method comprising steps of:

        displaying an adjustable gamut mapping algorithm parameter in a graphical user interface; and

        displaying an input image in the graphical user interface, wherein the input image is configured to be dynamically modified in response to an adjustment to the adjustable gamut mapping algorithm parameter.

15.   The method of claim 14, wherein the adjustable gamut mapping algorithm parameter is adjustable along a non-linear scale.

16.   The method of claim 14, further comprising a step of displaying at least one multi-dimensional color gamut representation of at least one of: a source device and a destination device.

17.   The method of claim 16, wherein the at least one multi-dimensional color gamut representation is configured to be modified by a request to modify the at least one multi-dimensional color gamut representation.

18.   A system for controlling gamut mapping algorithm parameters, the system comprising:

       a graphical user interface including at least one gamut mapping algorithm parameter element; and

       a processing component configured to receive a request to add and/or delete at least one gamut mapping algorithm parameter element and to define a modified gamut mapping algorithm parameter element responsive to said request.

19.   The system of claim 18, wherein the at least one gamut mapping algorithm parameter element is at least one of: lightness, chroma, and hue.

20.   The system of claim 18, wherein the at least one gamut mapping algorithm parameter element is a format of a corresponding gamut mapping algorithm parameter.

21.   The system of claim 20, wherein the format is a non-linear based format.

22.   The system of claim 18, wherein the processing component is further configured to receive a request to adjust the modified gamut mapping algorithm parameter element and to adjust a color management operation for processing an input image in response to said request to adjust.

23.   The system of claim 22, wherein the request to adjust is a request to adjust a value of the modified gamut mapping algorithm parameter between a user defined minimum value and a user defined maximum value.

24.   The system of claim 22, wherein the processing component is further configured to display the input image, wherein the input image is configured to be dynamically adjusted by the request to adjust the modified gamut mapping algorithm parameter element.

25.   The system of claim 24, wherein the processing component is further configured to display at least one multi-dimensional color gamut representation of at least one of: a source device and a destination device.

26.   The system of claim 18, wherein the processing component is further configured to display an input image, wherein the input image is configured to be dynamically modified by the modified gamut mapping algorithm parameter element.

27.   A computer-readable medium having computer-executable instructions for controlling a gamut mapping algorithm parameter, the method comprising steps of:

        receiving a request to add and/or delete a gamut mapping algorithm parameter element; and

        defining a modified gamut mapping algorithm parameter element responsive to said request.

28.   The computer-readable medium of claim 27, further comprising steps of:

        receiving a request to adjust the modified gamut mapping algorithm parameter element;

        adjusting a color management operation for processing an input image in response to said request to adjust.

29.   A software architecture for controlling a gamut mapping algorithm parameter, comprising:

at least one component configured to receive a request to add and/or delete a gamut mapping algorithm parameter element and to define a modified gamut mapping algorithm parameter element responsive to said request; and

at least one application program interface to access the component.

30.   The software architecture of claim 29, wherein the at least one application program interface is configured to access the at least one component responsive to a request.